GENERAL DESCRIPTION

- 1. THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) OF THE COMMONWEALTH OF PENNSYLVANIA REQUIRES THE PREPARATION AND IMPLEMENTATION OF A PLAN FOR THE PREVENTION OF ACCELERATED SOIL EROSION AND SEDIMENTATION OF THE STREAMS OF THE COMMONWEALTH UNDER TITLE 25, CHAPTER 102 OF THEIR REGULATIONS. SUCH PLANS ARE REQUIRED FOR ALL EARTHMOVING ACTIVITIES AND IT IS INTENDED THAT THIS PLAN WILL FULFILL THIS DEP REQUIREMENT AND PREVENT SEDIMENTATION.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THIS PLAN IN THE FIELD AND MEET ALL STATE AND LOCAL REGULATIONS. THE CONTRACTOR SHALL ASSIGN THIS RESPONSIBILITY TO A PERSON EXPERIENCED IN SEDIMENT AND EROSION CONTROL PREOCEDURES. MODIFICATIONS OR DEVIATIONS FROM THIS PLAN WILL BE ALLOWED ONLY IF THE CONTRACTOR FIRST OBTAINS WRITTEN APPROVAL FROM THE DEP.

APPLICABLE STANDARD

SOIL EROSION AND SEDIMENTATION CONTROL MANUAL:

1. PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

STANDARD CONDITIONS RELATING TO DEP WATER QUALITY MANAGEMENT PERMITS

THE CONTRACTOR SHALL FAMILIARIZE HIMSELF AND SHALL BE RESPONSIBLE FOR CARRYING OUT ALL REQUIREMENTS STATED IN THE STANDARD CONDITIONS RELATING TO EROSION CONTROL PERMIT ISSUED THE OWNER FOR THE CONSTRUCTION OF THIS PROJECT

PRODUCTS

ALL PRODUCTS AND MATERIALS SHALL MEET THE REQUIREMENTS OF THE LOCAL CONSERVATION DISTRICT OR AS SPECIFIED ELSEWHERE IN THESE SPECIFICATIONS.

PROJECT DESCRIPTION

- 1. THE PROJECT IS LOCATED ON THE VA LEBANON CAMPUS OFF OF LINCOLN AVENUE. THE PROJECT WILL INVOLVE LANDSCAPE IMPROVEMENTS INCLUDING THE REMOVAL OF A VEHICULAR DROP-OFF IN FRONT OF BUILDING 1 TO BE REPLACED BY LAWN AND LANDSCAPING.
- 2. THIS PROJECT INCLUDES AN EROSION AND SEDIMENT POLLUTION CONTROL PLAN.
- 3. THE PROPOSED EROSION AND SEDIMENT POLLUTION CONTROL PLAN HAS BEEN DESIGNED TO PREVENT THE LOSS OF SOIL COVER DURING THE SITE CONSTRUCTION AND DEVELOPMENT PHASE OF THIS PROJECT. THE PLAN INCLUDES A SEQUENCE OF CONSTRUCTION ACTIVITIES, TEMPORARY AND PERMANENT EROSION CONTROL MEASURES, AND A MAINTENANCE PLAN TO INSURE THE PROPER OPERATION OF THE TEMPORARY AND PERMANENT CONTROLS PROPOSED FOR THIS PROJECT.
- 4. THE SEQUENCING OF CONSTRUCTION ACTIVITIES PROVIDES THAT AS AREAS ARE BROUGHT TO PROPOSED GRADE, FINAL SOIL STABILIZATION MEASURES WILL BE INITIATED. THROUGHOUT THE DURATION OF THE PROJECT, CONSTRUCTION AREAS LEFT EXPOSED WILL BE SEEDED AND MULCHED IMMEDIATELY.
- 5. RECEIVING WATERSHED IS A TRIBUTARY TO SNITZ CREEK; CHAPTER 93 RECEIVING WATER CLASSIFICATION IS "CWF" COLD WATER FISH.
- 6. ANY AND ALL WASTE FROM THIS PROJECT WILL BE DISPOSED OF PER D.E.P. SOLID WASTE REGULATIONS.

TOPOGRAPHIC FEATURES OF THE AREA

THE EROSION AND SEDIMENT POLLUTION CONTROL PLAN DESCRIBES THE PROJECT AREA, CONTOURS AT 1 FOOT INTERVALS ARE SHOWN ON THE PLAN AS WELL AS PROPERTY BOUNDARY LINES AND OTHER PHYSICAL FEATURES, SOIL TYPES ARE ALSO INDICATED IN THIS REPORT.

DESIGN CRITERIA

THE METHOD USED IN DESIGNING SEDIMENT CONTROL MEASURE WAS TAKEN FROM EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL DATED 2012.

STAGE OF CONSTRUCTION ACTIVITIES

- CONSTRUCT ROCK CONSTRUCTION ENTRANCE. COORDINATE WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) FOR TIMING OF WORK THAT AFFECTS THE CAMPUS LOOP ROAD TRAFFIC.
- INSTALL SILT SOCK INLET PROTECTION FOR YARD DRAINS AND INLETS.

 2. INSTALL SILT SOCK.

TEMPORARY CONTROL MEASURES

- 1. ALL TEMPORARY MEASURES IN THIS PLAN ARE TO BE USED TO MINIMIZE EROSION OF THE CONSTRUCTION AREAS AND TO REDUCE SILTATION DOWNSTREAM FROM THE WORK AREAS.
- 2. AREAS DISTURBED BY CONSTRUCTION WHICH CANNOT BE BROUGHT TO FINAL GRADE WILL BE IMMEDIATELY STABILIZED USING A TEMPORARY COVER.
- 3. THIS TEMPORARY COVER IS TO BE AN ANNUAL RYE GRASS SEEDED AT THE RATE OF 50 POUNDS PER ACRE AND MULCHED WITH HAY OR STRAW AT THE RATE OF 3 TONS PER ACRE.

MAINTENANCE PROGRAM

- 1. MAINTENANCE OF BOTH THE TEMPORARY AND PERMANENT EROSION CONTROL MEASURES IS NECESSARY TO MAINTAIN THEIR EFFECTIVENESS. THE FILTER FABRIC IS TO BE CHECKED AFTER EACH RUNOFF FOR STRUCTURAL PROBLEMS AND SILTATION. BARRIERS SHOULD BE CLEARED WHEN THE DEPTH OF SEDIMENT REACHES ONE-THIRD THE HEIGHT OF THE BARRIER.
- AREAS WHERE PERMANENT VEGETATION HAS BEEN INSTALLED MUST BE CHECKED MONTHLY THROUGH THE GROWING SEASON TO INSURE THAT AN ADEQUATE STAND IS DEVELOPING. MAINTENANCE COULD INCLUDE RESEEDING, REMULCHING, AND MATTING OF POORLY DEVELOPED SECTION.
- 3. ALL AREAS THAT REQUIRE STONE PROTECTION TO REDUCE EROSION SHOULD BE CHECKED AFTER EACH RUNOFF. AREAS WHERE STONE HAS BEEN DISPLACED OF DISLODGED FROM ITS ORIGINAL POSITION SHOULD BE REPLACED WITHIN A WEEK BETWEEN THE TIME OF THE EVENT AND THE TIME OF RESTORATION.
- 4. ANY AREAS TO BE SEEDED, THAT CANNOT BE SEEDED BY NOVEMBER 15TH WILL BE MULCHED WITH HAY OR STRAW AT THE RATE OF 3.0 TONS PER ACRE AND ALL INTERIM EROSION AND SEDIMENT POLLUTION CONTROLS SHALL BE MAINTAINED UNTIL THE FOLLOWING SUITABLE SEEDING SEASON. ALL AREAS MUST HAVE ALL CONTROLS MAINTAINED UNTIL THE SITE IS PERMANENTLY STABLILIZED.

STABILIZED ROCK ENTRANCE ROAD PAD

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- CONSTRUCT STABILIZED CONSTRUCTION PADS AT THE LOCATIONS SHOWN ON THE PLANS,
 AND/OR DESIGNATED IN THE SEQUENCE OF CONSTRUCTION ACTIVITIES.
- 2. EXCAVATE THE AREA SHOWN ON THE PLANS TO A DEPTH OF 6" AT THE ENTRANCE POINT TO THE CONSTRUCTION AREA. REMOVE EXCAVATED MATERIAL AND TRANSPORT TO A PREPARED SUBGRADE.
- 3. PLACE A BARRIER MAT OF CLASS 4 GEOTEXTILE ON THE PREPARED SUBGRADE.

4. PROVIDE A SIX INCH DEPTH OF 3 INCH DIAMETER ROCK.

- 5. PERIODICALLY INSPECT THE ROCK TO DETERMINE WHETHER CLOGGING OF MATERIAL HAS REDUCED THE EFFICIENCY OF THE STABILIZED CONSTRUCTION ENTRANCE PAD.
- 6. REPLACE ROCK MATERIAL WHEN MATERIAL DOES NOT ADEQUATELY REMOVE MUD FROM VEHICLE WHEELS. ALSO REMOVE SEDIMENT FROM LOCAL ROADWAY AS IT BECOMES VISIBLE.
- INSTALLATION OF CLASS 4 GEOTEXTILE MATERIAL (S.Y.) (AS PER PG. 212, PENNSYLVANIA DEPARTMENT OF TRANSPORTATION STANDARD 408 AND APPLICABLE ROADWAY CONSTRUCTION DRAWINGS.)

TEMPORARY SEEDING

 ALL AREAS TO BE PREPARED AND SEEDED ACCORDING TO THE FOLLOWING RATES. ANY AREA RECEIVING TEMPORARY SEEDING WHICH WILL BE LEFT FOR A PERIOD LONGER THAN ONE YEAR SHALL BE SEEDED WITH THE PERMANENT SEEDING MIXTURE.

A. FERTILIZER: FERTILIZE AT THE FOLLOWING RATES:

50 LB. OF N PER ACRE 50 LB. OF P205 PER ACRE 50 LB. OF K20 PER ACRE

B. LIME: AGRICULTURAL GRADE LIME AT RATE OF 1 TON PER ACRE.

C. SEED: SEED WEIGHTS GIVEN BELOW ARE PLS (PURE LIVE SEED)

- 1. FOR SPRING SEEING (UP TO JUNE 15)
 ANNUAL RYEGRASS 40 #/ACRE
- OR WINTER RYE 168 #/ACRE
 OR SPRING OATS PLUS
- ANNUAL RYEGRASS 64 #/ACRE OATS
 20 #/ACRE RYEGRASS
- 2. FOR LATE SPRING AND SUMMER SEEDING (JUNE 16 TO AUGUST 15)
- SUDANGRASS 40 #/ACRE
 OR ANNUAL RYEGRASS 40 #/ACRE
- 3. FOR LATE SUMMER AND FALL (BEYOND AUGUST 15)
- ANNUAL RYEGRASS 40 #/ACRE
- OR WINTER RYE 168 #/ACRE
 OR WINTER WHEAT 180 #/ACRE

D. MULCH: STRAW OR HAY AT RATE OF 3 TONS PER ACRE.

PERMANENT SEEDING

- 1. ALL AREAS TO BE SEEDED ACCORDING TO THE FOLLOWING RATES. MULCH IS TO BE USED AS NECESSARY FOR EROSION PROTECTION UNTIL SEEDING IS ESTABLISHED.
- A. TOPSOIL: FREE OF SUBSOIL, CLAY OR IMPURITIES, PLANTS, WEEDS AND ROOTS: PH VALUE MINIMUM 5.4 AND MAXIMUM 7.0.
- B. FERTILIZER: TYPE 1, GRADE A AS REQUIRED TO ELIMINATE ANY DEFICIENCIES OF TOPSOIL AS INDICATED BY SOIL ANALYSIS.
- MINIMUM FERTILIZER APPLICATION RATE:
- 100 LB. OF N PER ACRE 200 LB. OF P205 PER ACRE
- 200 LB. OF K20 PER ACRE
- C. PERMANENT SEED: SEED WEIGHTS GIVEN BELOW ARE PLS (PURE LIVE SEED)

LAWN AREA:

- KENTUCKY BLUE GRASS: 25 LB PER ACRE
- RED TOP: 3 LB PER ACRE

 NORLEA PERENNIAL RYE: 15 LB PER ACRE

 BIRDSFOOT TREFOIL: 6 LBS PER ACRE
- D. MULCH: OAT OR WHEAT STRAW, FREE FROM WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE AT A RATE OF 3 TONS PER ACRE.
- E. LIME: AGRICULTURAL GRADE LIME AT A RATE CALCULATED FROM THE SOILS TEST TO BRING THE SOIL pH WITHIN 5.5 TO 6.0 APPLY AGRICULTURAL GRADE LIME AT A RATE OF 6 TONS PER ACRE IN THE ABSENCE OF A SOILS TEST.

STANDARD EROSION AND SEDIMENT CONTROL PLAN NOTES

- 102.2(A) "THIS CHAPTER REQUIRES PERSONS PROPOSING OR CONDUCTING EARTH DISTURBANCE ACTIVITIES TO DEVELOP, IMPLEMENT AND MAINTAIN BMP'S TO MINIMIZE THE POTENTIAL FOR ACCELERATED EROSION AND SEDIMENTATION."
- 102.4(B)(3) "THE EROSION AND SEDIMENT CONTROL PLAN SHALL BE PREPARED BY A PERSON TRAINED AND EXPERIENCED IN EROSION AND SEDIMENT CONTROL METHODS AND TECHNIQUES, AND SHALL BE DESIGNED TO MINIMIZE THE POTENTIAL FOR ACCELERATED EROSION AND SEDIMENTATION."
- 1. VEHICLES AND EQUIPMENT MAY ONLY ENTER THE PROJECT SITE AT THE ROCK CONSTRUCTION ENTRANCE LOCATION.
- 2. THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
- 3. UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE OPERATOR SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED, AND MAINTAINED PROPERLY AND COMPLETELY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES AND MAINTAIN AND MAKE AVAILABLE TO LEBANON COUNTY CONSERVATION DISTRICT COMPLETE, WRITTEN INSPECTION LOGS OF ALL THOSE INSPECTIONS. ALL MAINTENANCE WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, REGARDING, AND RESTABILIZATION SHALL BE PERFORMED IMMEDIATELY.
- 4. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
- 5. BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE LEBANON CONSERVATION DISTRICT.
- 6. THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED, APPROVED BY THE LEBANON CONSERVATION DISTRICT, AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL SOIL AND/OR ROCK SPOIL AND BORROW AREAS, REGARDLESS OF THEIR LOCATIONS.

- 7. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS SO THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE III, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
- 8. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.

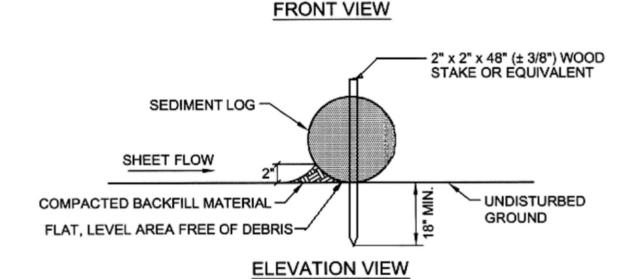
102.4(B)(5)(I) "THE EXISTING TOPOGRAPHIC FEATURES OF THE PROJECT SITE AND THE IMMEDIATE SURROUNDING AREA."

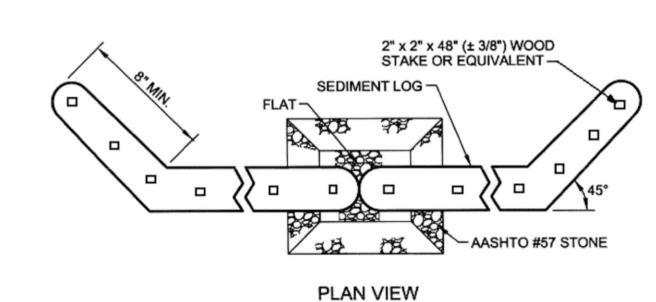
- 9. THE ACCURACY OF SUBSURFACE UTILITIES AND FEATURES IS NOT GUARANTEED. THE CONTRACTOR MUST OBTAIN AN EXCAVATION PERMIT FROM THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) PRIOR TO ANY DIGGING.
- 102.4(B)(5)(VII) "A SEQUENCE OF BMP INSTALLATION AND REMOVAL IN RELATION TO THE SCHEDULING OF EARTH DISTURBANCE ACTIVITIES, PRIOR TO, DURING, AND AFTER EARTH DISTURBANCE ACTIVITIES."
- 102.4(B)(4) "EARTH DISTURBANCE ACTIVITIES SHALL BE PLANNED AND CONDUCTED TO MINIMIZE THE EXTENT AND DURATION OF EARTH DISTURBANCE.
- 102.22(A) "UPON COMPLETION OF AN EARTH DISTURBANCE ACTIVITY OR ANY STAGE OR PHASE OF AN ACTIVITY, THE SITE SHALL BE IMMEDIATELY SEEDED, MULCHED OR OTHERWISE PROTECTED FROM ACCELERATED EROSION AND SEDIMENTATION.
- 1. EROSION AND SEDIMENT BMPS MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMPS. E&SPCPM
- 11. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPS CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF BMPS MUST BE STABILIZED IMMEDIATELY. E&SPCPM P168.
- 12. AT LEAST 7 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES, THE LANDOWNER, ALL APPROPRIATE MUNICIPAL OFFICIALS, THE EROSION AND SEDIMENT CONTROL PLAN PREPARER, AND THE LEBANON COUNTY CONSERVATION DISTRICT TO AN ON-SITE MEETING.
- 13. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. CLEARING AND GRUBBING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.
- 14. IMMEDIATELY AFTER EACH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE ANY AREAS DISTURBED BY THE ACTIVITIES. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE SPECIFIED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINISHED GRADE OR WHICH WILL NOT BE REDISTRUBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
- 15. AREAS SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.

TEMPORARY STABILIZATION & PERMANENT STABILIZATION

- 16. HAY OR STRAW MULCH MUST BE APPLIED AT 3.0 TONS PER ACRE.
- 17. MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES 3:1 AND STEEPER.
- 18. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.
- 102.4(B)(5)(X) "A MAINTENANCE PROGRAM WHICH PROVIDES FOR INSPECTION OF BMPS ON A WEEKLY BASIS AND AFTER EACH MEASURABLE RAINFALL EVENT, INCLUDING THE REPAIR OF THE BMPS TO ENSURE EFFECTIVE AND EFFICIENT OPERATION."
- 19. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPS MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL BMPS AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMPS FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPS, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED. E&SPCPM
- 20. SEDIMENT REMOVED FROM BMPS SHALL BE DISPOSED OF IN LANDSCAPED AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOODPLAINS OR DRAINAGE SWALES AND IMMEDIATELY STABILIZED OR PLACED IN TOPSOIL STOCKPILES.
- 102.4(B)(5)(XII) "PROCEDURES WHICH ENSURE THAT THE PROPER MEASURES FOR THE RECYCLING OR DISPOSAL OF MATERIALS ASSOCIATED WITH OR FROM THE PROJECT SITE WILL BE UNDERTAKEN IN ACCORDANCE WITH THE TITLE."
- 21. THE OPERATOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENTS SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1, AND 287.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THE SITE.

STANDARD CONSTRUCTION DETAIL # 4-11 Sediment Filter Log (Fiber Log) 4' MAX. STAKE SEDIMENT LOG FLAT, LEVEL AREA AASHTO #57 FREE OF DEBRIS STONE



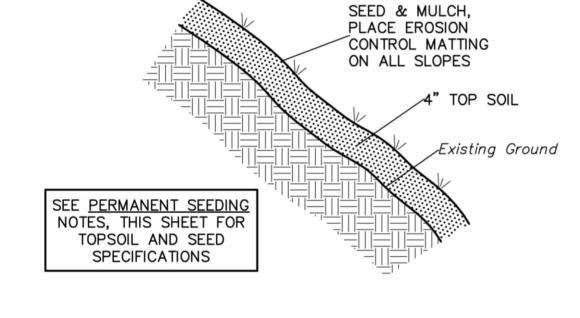


Sediment log placement area shall be prepared so that it is free of all debris, including rocks, sticks, roots, etc. A 2" layer of compacted fill material shall be placed on the upslope side of the log to prevent undercutting. Where more than one log is required to obtain specified length, logs shall be tightly abutted and securely staked (or overlapped by 12" min.). A layer of AASHTO #57 stone shall be placed where abutting logs come together (extending 2 ft. on both sides of the log). A 6" thick layer of compost on the upslope side may be substituted for the stone. Sediment filter logs shall be placed at existing level grade. Ends shall be extended upslope at 45° to the main filter log alignment for a minimum of 8 feet (Figure 4.1).

Sediment filter logs shall be inspected weekly and after each runoff event. Sediment deposits shall be cleaned from the log when it reaches half the height of the log. Damaged filter logs shall be replaced within 24 hours of inspection. A supply of filter logs shall be maintained on site for this purpose.

SEDIMENT FILTER LOG

NT



TOPSOIL AND SEED PLACEMENT

AASHTO #1 ROCK

NTS



SECTION A—A

SECTION A—A

SO' MIN.

MAINTENANCE:

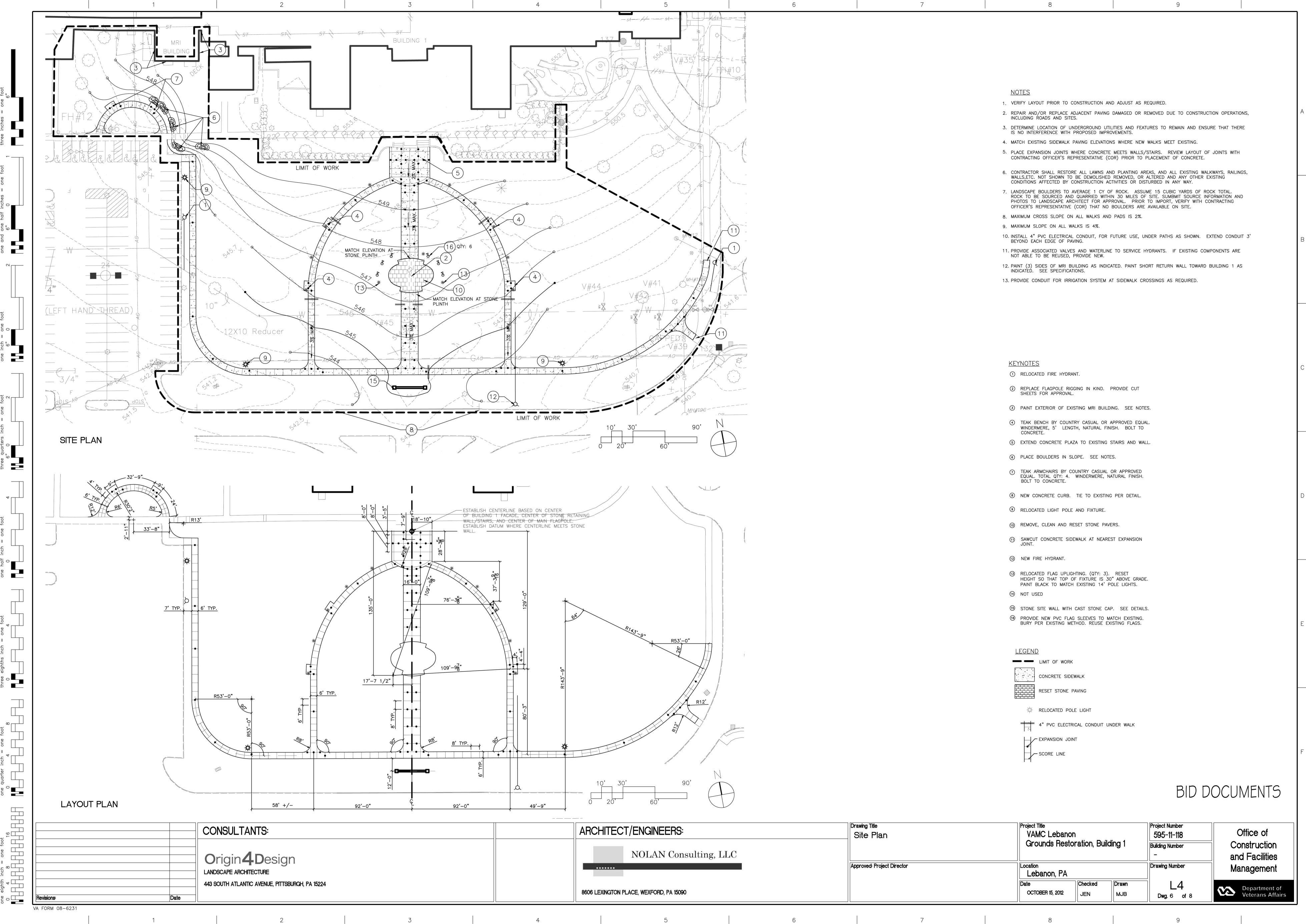
ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.

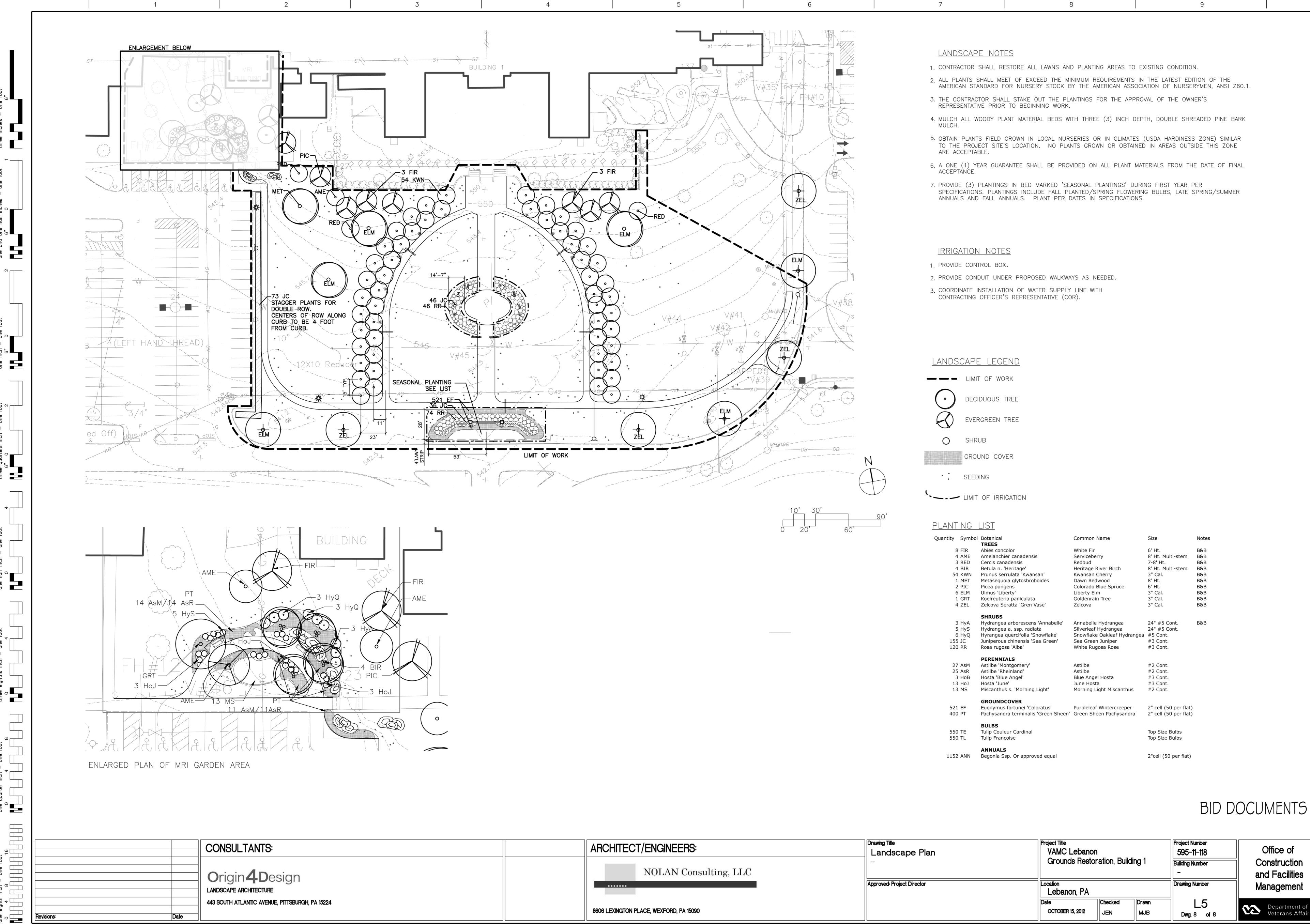
ROCK CONSTRUCTION ENTRANCE

NT

BID DOCUMENTS

Project Title Drawing Title Project Number ARCHITECT/ENGINEERS: CONSULTANTS: Office of VAMC Lebanon 595-11-118 Erosion and Sedimentation Details Grounds Restoration, Building 1 Construction **Building Number** NOLAN Consulting, LLC Origin 4 Design and Facilities Approved: Project Director Drawing Number Management Lebanon, PA LANDSCAPE ARCHITECTURE 443 SOUTH ATLANTIC AVENUE, PITTSBURGH, PA 15224 Drawn Checked Department of Veterans Affairs 8606 LEXINGTON PLACE, WEXFORD, PA 15090 OCTOBER 15, 2012 MJB Dwg. 5 of 8





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Department of Veterans Affairs

